

28 APR 2005

153438

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



532938

(43) International Publication Date  
21 May 2004 (21.05.2004)

PCT

(10) International Publication Number  
**WO 2004/041421 A2**

(51) International Patent Classification<sup>7</sup>:

B01J

(74) Common Representative: CARGILL, INCORPORATED; LAW 24, 15407 McGinty Road West, Wayzata, MN 55391 (US).

(21) International Application Number:

PCT/US2003/034470

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(30) Priority Data:

60/423,068

1 November 2002 (01.11.2002) US

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): MENG, Xiangsheng [US/US]; 417 Santa Fe Trail, Chanhassen, MN 55317 (US). ABRAHAM, Timothy [US/US]; 18507 Apple Tree Court, Minnetonka, MN 55345 (US). TSOBANAKIS, Paris [GR/US]; 8579 Birch Blvd, Inver Grove Heights, MN 55076 (US).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/041421 A2

(54) Title: PROCESS FOR PREPARATION OF 1,3-PROPANEDIOL

(57) Abstract: Disclosed is a process for hydrogenating 3-hydroxypropionic acid, or esters thereof, or mixtures of the acid and the ester, in a liquid phase, in the presence of a ruthenium catalyst, alone, or in combination with at least one or more additional metal catalyst wherein the metal is molybdenum, tungsten, titanium, zirconium, niobium, vanadium, chromium, or mixtures of the metals.

28 APR 2005

10/532938

International application No.

PCT/US03/34470

## INTERNATIONAL SEARCH REPORT

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07C 27/00, 27/04, 31/18, 29/00

US CL : 568/864, 861

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 568/864, 861, 852

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
STN text.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 2,362,157 A (CRABTREE et al.) 14 November 2001, entire patent.	1-24
Y	US 6,617,478 B2 (LEE et al.) 9 September 2003, entire patent.	1-24
P		

 Further documents are listed in the continuation of Box C. See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

22 March 2004 (22.03.2004)

04 MAY 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Elvis O. Price

Telephone No. 703-285-2200 571/272-1600

Form PCT/ISA/210 (second sheet) (July 1998)

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